

**Flood Control Project Maintenance**  
**2014 Structure Summary Report**  
**Overall Unit and Item Ratings**

**Madera County FCWCA**

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**Ash And Berenda Slough Control Structures**

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	M
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	A
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	N
	Safety	M
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**2014 Structure Summary Report**  
**Overall Unit and Item Ratings**

**Madera County FCWCA (cont.)**

**Fresno River Diversion Weir**

Overall Unit Rating	Rated Item	Item Rating
<b>M</b>	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	U
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	A
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance**  
**Unit Cover Sheet**  
**2014 Structure Inspection Results**

**Madera County FCWCA**

Structure
Ash And Berenda Slough Control Structures

Structure Rating	A
Date of Inspection	07/29/2014
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2014**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	1	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Photo Documentation			37.157904 °	37.143520 °	
				-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2012_1					
Action/Comments						
Inspector Comments: Photo # 1 Berenda Slough Control Structure upstream side of Structure. Photo #2 Berenda Slough Control Structure downstream side of Structure. Photo #3 Ash Slough Control Structure upstream view. Photo #4 Ash Slough Control Structure.						

Photo 1 of 4 : ST\_2014\_NA0011\_46\_1\_20140819\_00007.jpg



Berenda Slough Control Structure view of upstream side of structure.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST\_2014\_NA0011\_46\_1\_20140819\_00008.jpg



Berenda Slough View of Structure gangway and safety rails.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2014**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	1 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Photo Documentation			37.157904 °	37.143520 °	
				-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2012_1					
Action/Comments						
Inspector Comments: Photo # 1 Berenda Slough Control Structure						

Photo 3 of 4 : ST\_2014\_NA0011\_46\_1\_20140819\_00009.jpg



Ash Slough Diversion Structure from upstream side.

LM Start	<b>0.00</b>	Rating **	N	Issue No.	<b>1 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 4 of 4 : ST\_2014\_NA0011\_46\_1\_20140819\_00010.jpg



Berenda Slough Control Structure looking downstream.

LM Start	0.00	Rating **	M	Issue No.	2	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation & Obstructions			37.157904 °	37.143520 °	
				-120.124165 °	-120.162171 °	
DWR ID	DWR_NA0011_46_t_2012_2					
Action/Comments						
Inspector Comments: No vegetation on the upstream side of Berenda						

Photo 1 of 2 : ST\_2014\_NA0011\_46\_2\_20140707\_00005.jpg



Ash Slough vegetation present at downstream of the structure. Photo taken 7-17-13.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

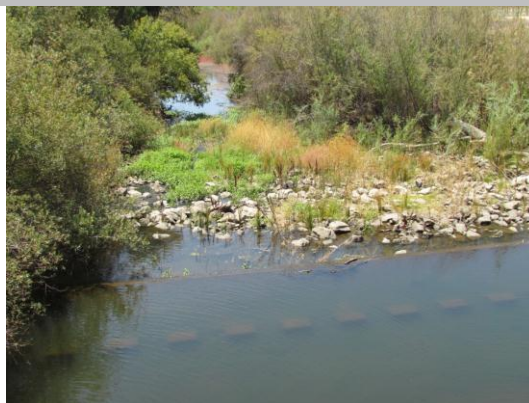
**Levee Inspection Report By Mile - Structure 2014**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	2 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Vegetation & Obstructions			37.157904 °		37.143520 °
				-120.124165 °		-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_2					
Action/Comments						
Inspector Comments: No vegetation on the upstream side of Berenda Slough Control Structure. Downstream has wild growth of trees and other vegetation growth.						

Photo 2 of 2 : ST\_2014\_NA0011\_46\_2\_20140819\_00011.jpg



Ash Slough vegetation present downstream of the structure.

LM Start	0.00	Rating **	A	Issue No.	3	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Shoaling / Sedimentation			37.157904 °		37.143520 °
				-120.124165 °		-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_3					
Action/Comments						
Inspector Comments: No shoaling or sedimentation present at the Berenda Slough Control Structure.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_4				
Action/Comments					
Inspector Comments: No active erosion or bank caving observed on the landward or on the riverward side of the levee.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2014**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_5				
Action/Comments					
Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_6				
Action/Comments					
Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_7				
Action/Comments					
Inspector Comments: Debris, sediment or vegetation blocks less than 10% of the culvert opening, but must be removed.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2014**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Breaks / Holes / Cracks			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_8				
Action/Comments					
Inspector Comments: There are no breaks, holes, cracks in the culvert that would result in significant water leakage.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_10				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2014**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_11				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_12				
Action/Comments					
Inspector Comments: Gates open and close freely with minor leakage. Sill is free of sediment and other obstructions. Gates and lifters have been maintained.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2014**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_14				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_15				
Action/Comments					
Inspector Comments: Negligible spalling, scaling or cracking.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_16				
Action/Comments					
Inspector Comments: There are no significant areas of tilting, sliding or settlement that would endanger the integrity of the project.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2014

### Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_17				
Action/Comments					
Inspector Comments: No scouring / erosion or undermining near the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_18				
Action/Comments					
Inspector Comments: Safety / security fencing is good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_19				
Action/Comments					
Inspector Comments: Closure structure in good repair. Placing equipment, stoplogs, and other materials are readily available at all times. Componets of closure clearly marked and installation instructions / procedures readily available.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2014**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_20				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_21				
Action/Comments					
Inspector Comments: All metal parts are protected from corrosion damage, and show no rust or deterioration that would cause a safety concern.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.157904 °	37.143520 °
				-120.124165 °	-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_22				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2014**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Ash And Berenda Slough Control Structures		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	23	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Safety			37.157904 °		37.143520 °
				-120.124165 °		-120.162171 °
DWR ID	DWR_NA0011_46_t_2012_23					
Action/Comments						
Inspector Comments: Minor safety hazards are present, but do not pose an immediate threat to the structure or personnel at the structure. Corrections should be made prior to the next annual inspection. The damages reported in the last inspection hasn't been corrected to date.						

Photo 1 of 1 : ST\_2014\_NA0011\_46\_23\_20140819\_00012.jpg



Damaged timbers on downstream side of Ash Slough Structure's gang way have not been replaced.

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Operation & Maintenance Manual	37.157904 °		37.143520 °	
		-120.124165 °		-120.162171 °	
DWR ID	DWR_NA0011_46_t_2013_24				
Action/Comments					
Inspector Comments: The manual is on file in the office.					

No Photos

\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance**  
**Unit Cover Sheet**  
**2014 Structure Inspection Results**

**Madera County FCWCA**

Structure
Fresno River Diversion Weir

Structure Rating	<b>M</b>
Date of Inspection	07/29/2014
DWR Inspector	Herman Phillips
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2014**

**Madera County FCWCA**

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_1				
Action/Comments					

Photo 1 of 1 : ST\_2014\_NA0011\_6\_1\_20140818\_00005.jpg



Fresno River Diversion Weir viewed from left bank. No water in channel but there is vegetation present in channel.

LM Start	0.00	Rating **	M	Issue No.	2	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation & Obstructions			36.967930 °	36.967930 °	
				-120.255680 °	-120.255680 °	
DWR ID	DWR_NA0011_6_t _ 2012_2					
Action/Comments						
Inspector Comments: There is a build up of vegetation on the downstream side of the deflectors within the channel of the Fresno River and on the left bank (unit 6) there is buildup of veg. growth inside the security fence area on the bank.						

Photo 1 of 2 : ST\_2014\_NA0011\_6\_2\_20140818\_00006.jpg



Viewed from left bank vegetation upstream side of the spill way.

\* Location  
LS : Land Side  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

## Levee Inspection Report By Mile - Structure 2014

### Madera County FCWCA

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	2 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Vegetation & Obstructions			36.967930 °		36.967930 °
				-120.255680 °		-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_2					
Action/Comments						
Inspector Comments: There is a build up of vegetation on the downstream side of the deflectors within the channel of the Fresno River and on the left bank (unit 6) there is buildup of veg. growth inside the security fence area on the bank.						

Photo 2 of 2 : ST\_2014\_NA0011\_6\_2\_20140818\_00007.jpg



Vegetation present downstream side of spillway, willow trees and other wild plant growth.

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_4				
Action/Comments					
Inspector Comments: There was no presence of erosion at this structure during my inspection on 7-12-2011.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Revetments			36.967930 °		36.967930 °
				-120.255680 °		-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_5					
Action/Comments						
Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.						

No Photos

LM Start	0.00	Rating **	U	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Encroachments	36.967930 °		36.967930 °	
		-120.255680 °		-120.255680 °	
DWR ID	DWR_NA0011_6_t_2012_6				
Action/Comments					
Inspector Comments: This earthen dam was placed across Fresno River channel last year 2013 by Chowchilla Water District, at the time of discovery Madera County sent them a letter to have it removed.					

Photo 1 of 2 : ST\_2014\_NA0011\_6\_6\_20140707\_00003.jpg



This earthen dam has no CVFPB permit. Photo taken 7-17-13.

LM Start	<b>0.00</b>	Rating **	U	Issue No.	<b>6 (cont)</b>
LM End	<b>0.00</b>	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST\_2014\_NA0011\_6\_6\_20140818\_00008.jpg



Unauthorized earthen dam upstream of weir in Fresno River.

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

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Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_7				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			36.967930 °		36.967930 °
				-120.255680 °		-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_8					
Action/Comments						
Inspector Comments: There are no breaks, holes, cracks in the culvert that would result in significant water leakage.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_9				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
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A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

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Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	10	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Trash Racks			36.967930 °		36.967930 °
				-120.255680 °		-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_10					
Action/Comments						
Inspector Comments: There is no trash racks at this structure.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_11				
Action/Comments					
Inspector Comments: This structure has screw gates instead of flap gates.					

Photo 1 of 1 : ST\_2014\_NA0011\_6\_11\_20140707\_00004.jpg



This structure has screw gates that were closed during this inspection.  
Photo taken 7-17-13.

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	36.967930 °		36.967930 °	
		-120.255680 °		-120.255680 °	
DWR ID	DWR_NA0011_6_t_2012_12				
Action/Comments					
Inspector Comments: Gates open and close freely with minor leakage. Sill is free of sediment and other obstructions. Gates and lifters have been maintained.					

No Photos

**\* Location**

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WS : Water Side  
CR : Crown

**\*\* Rating**

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C : Corrected  
A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
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Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_13				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Manual Gate Operators	36.967930 °	36.967930 °		
		-120.255680 °	-120.255680 °		
DWR ID	DWR_NA0011_6_t_2012_14				
Action/Comments					
Inspector Comments: All manual gate operators are in good working condition and are capable of opening and closing the gate properly. Preventative maintenance is being performed and the system is tested periodically. All manual gate operators are in good working condition .					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	36.967930 °		36.967930 °	
		-120.255680 °		-120.255680 °	
DWR ID	DWR_NA0011_6_t_2012_15				
Action/Comments					
Inspector Comments: Negligible spalling, scaling or cracking.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_16				
Action/Comments					
Inspector Comments: There are no significant areas of tilting, sliding or settlement that would endanger the integrity of the project.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_17				
Action/Comments					
Inspector Comments: No scouring / erosion or undermining near the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Security Fencing	36.967930 °		36.967930 °	
		-120.255680 °		-120.255680 °	
DWR ID	DWR_NA0011_6_t_2012_18				
Action/Comments					
Inspector Comments: Security fencing is in good condition.					

No Photos

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

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Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_19				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_20				
Action/Comments					
Inspector Comments: There is no trash rack at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_21				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

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Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Diversion Weir		07/29/2014 07/29/2014	Herman Phillips

LM Start	0.00	Rating **	N	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_22				
Action/Comments					
Inspector Comments: This item does not apply to this inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2012_23				
Action/Comments					
Inspector Comments: Safety hardware installed. Adequate protection for fall hazards exist. No hazardous conditions that might affect the operation of the structure exist.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			36.967930 °	36.967930 °
				-120.255680 °	-120.255680 °
DWR ID	DWR_NA0011_6_t_2013_24				
Action/Comments					
Inspector Comments: The manual is on file in the office.					

No Photos

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement